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DISSEMINATION CONTROL ABBREVIATIONS

NOFORN-	Not Releasable to Foreign Nationals
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Attachment to Z-17340/84

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NPIC/IEG (2/84)

24 FEBRUARY 1984

PROBABLE POLAR SPACE LAUNCH VEHICLE MOCKUP COMPONENTS
THUMBA MSL AND ROCKET TEST SITE, VSSC, INDIA (SWN)

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1. SIGNIFICANCE: PROBABLE POLAR SPACE LAUNCH VEHICLE (PSLV) MOCKUP COMPONENTS WERE IDENTIFIED FOR THE FIRST TIME IN INDIA AT THUMBA MSL AND ROCKET TEST SITE. (SWN)
2. REMARKS: THE COMPONENTS, SOME OF WHICH WERE PRESENT ARE PROBABLY FOR A PSLV MOCKUP SINCE THEY APPEARED TO BE ON THE GROUND AND NO SECURITY WAS EVIDENT. A PSLV MOCKUP COULD BE USED FOR A STATIC DISPLAY OR COMPATIBILITY TESTING. THE IDENTIFICATION OF PROBABLE PSLV MOCKUP COMPONENTS AT THUMBA INDICATES THAT INDIA IS CONTINUING TO PROGRESS IN ITS SPACE PROGRAM. THUMBA IS ONE OF INDIA'S MAJOR SPACE LAUNCH VEHICLE (SLV) RESEARCH AND DEVELOPMENT FACILITIES. SPACE LAUNCHES TAKE PLACE AT SRI HARIKOTA SPACE LAUNCH FACILITY WHERE ADDITIONAL SLV TEST AND LAUNCH FACILITIES ARE UNDER CONSTRUCTION. (SWN)

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THE PROBABLE MOCKUP COMPONENTS CLOSELY RESEMBLE THE PROPOSED PSLV. THE PSLV REPORTEDLY WILL BE CONFIGURED WITH FOUR STAGES AND SIX STRAP-ON BOOSTERS. THE FIRST, THIRD, AND FOURTH STAGES WILL BE SOLID ROCKET MOTORS AND THE SECOND STAGE WILL BE A LIQUID PROPELLANT ENGINE. THE SIX STRAP-ON BOOSTERS ARE DERIVED FROM THE FIRST STAGE OF THE SLV-3, A SOLID ROCKET MOTOR. THE PSLV WILL REPORTEDLY BE CAPABLE OF PLACING A 2,200-POUND PAYLOAD INTO POLAR ORBIT BY THE LATE 1980'S. (SWN)

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3. COORDINATES 08-32-05N 076-52-03E (S)
4. COLLATERAL REFERENCE: SPACE WORLD, DECEMBER 1983, P. 29, "INDIA'S LAUNCH VEHICLE PROGRAM MOVES AHEAD." (U)

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